

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029627.D
 Acq On : 23 Apr 2021 23:45
 Operator : CG/JU
 Sample : M2143-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-042221

Manual Integrations
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Quant Time: Apr 26 02:11:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	90868	20.00	ng	0.00
21) Naphthalene-d8	10.416	136	334416	20.00	ng	0.00
39) Acenaphthene-d10	14.280	164	225943	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	493766	20.00	ng	0.00
76) Chrysene-d12	21.215	240	596278	20.00	ng	0.01
86) Perylene-d12	23.409	264	601005	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	78618	17.35	ng	0.00
7) Phenol-d6	6.816	99	94283	13.93	ng	0.00
23) Nitrobenzene-d5	8.786	82	62830	9.68	ng	0.00
42) 2,4,6-Tribromophenol	15.774	330	47296	15.14	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	179856	10.80	ng	0.00
79) Terphenyl-d14	19.662	244	322980	10.27	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.998	152	150515	7.43	ng	98
71) Phenanthrene	17.068	178	665676	23.41	ng	100
72) Anthracene	17.156	178	256425	9.14	ng	99
75) Fluoranthene	19.092	202	2429316	70.46	ng	98
78) Pyrene	19.456	202	1958888	51.06	ng	99
81) Benzo(a)anthracene	21.197	228	1653144	41.91	ng	96
83) Chrysene	21.250	228	1411116	36.40	ng	97
87) Indeno(1,2,3-cd)pyrene	25.621	276	1076785	23.17	ng	97
88) Benzo(b)fluoranthene	22.756	252	2237814m	57.10	ng	
89) Benzo(k)fluoranthene	22.791	252	595933m	15.17	ng	
90) Benzo(a)pyrene	23.315	252	1485310	40.36	ng	99
91) Dibenzo(a,h)anthracene	25.621	278	309108m	7.71	ng	
92) Benzo(g,h,i)perylene	26.297	276	1009271	27.24	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

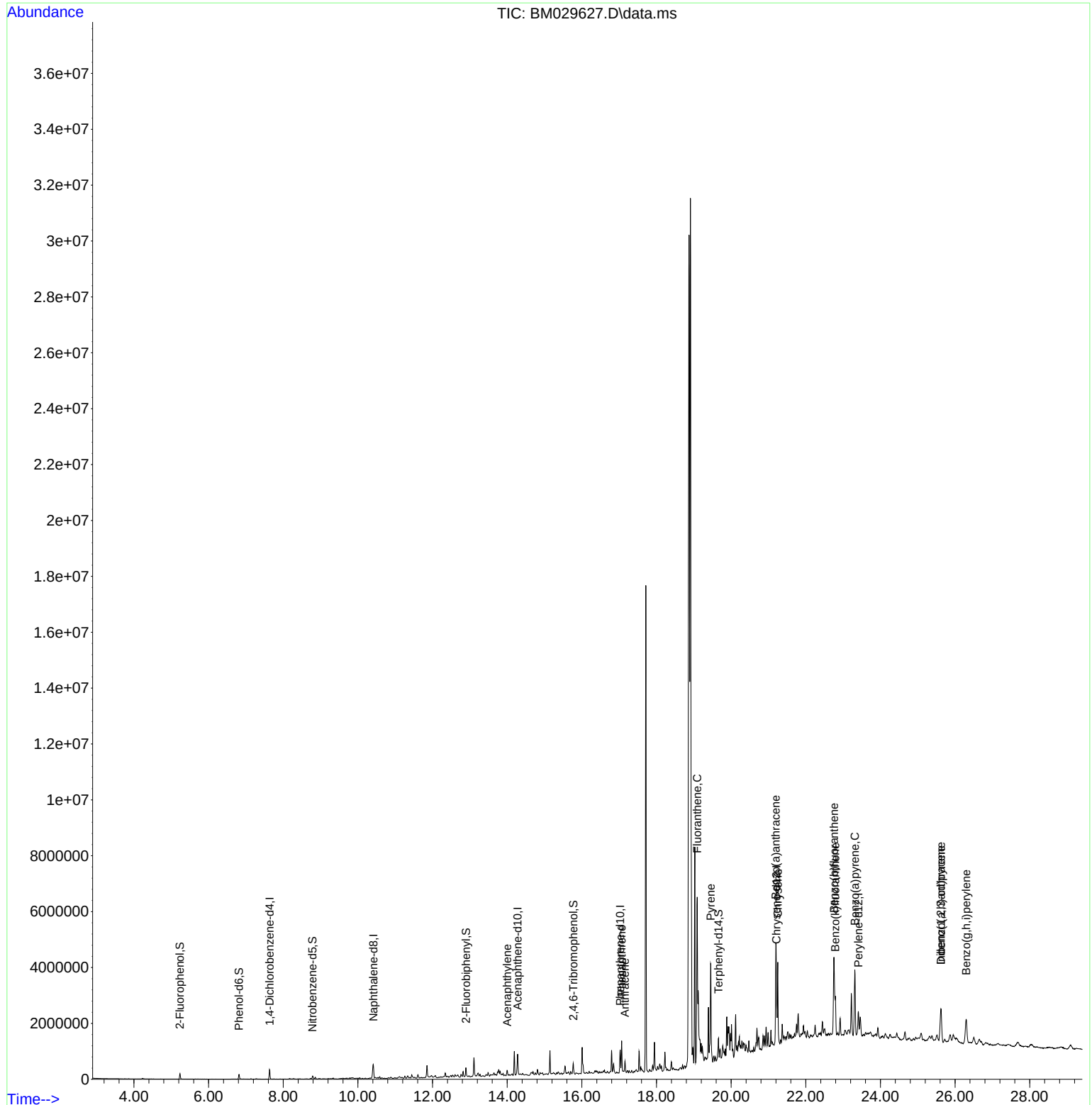
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

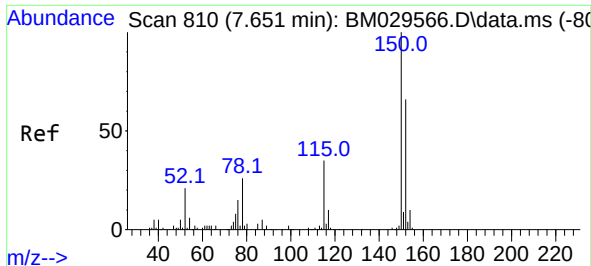
Instrument :
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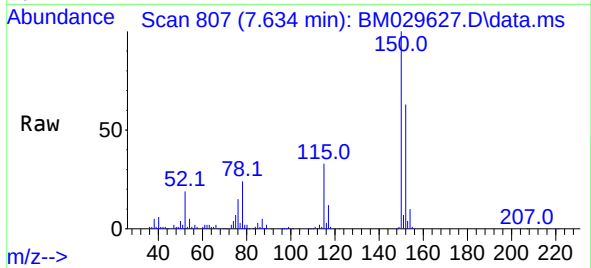
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

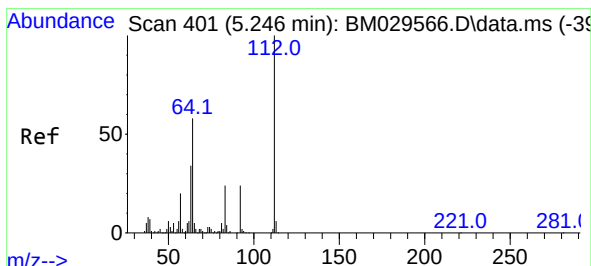
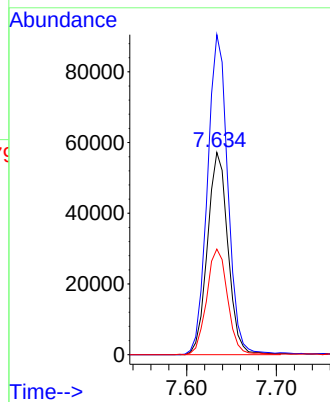
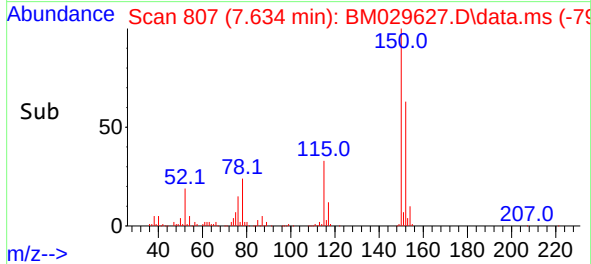




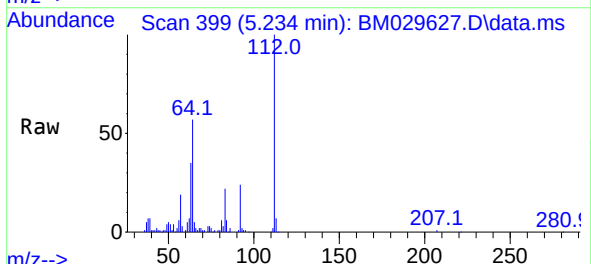
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



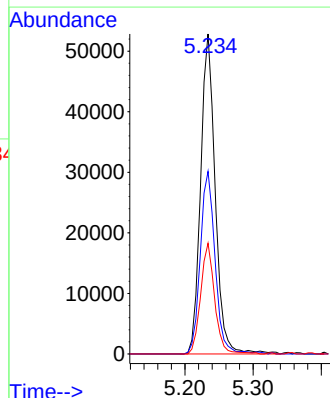
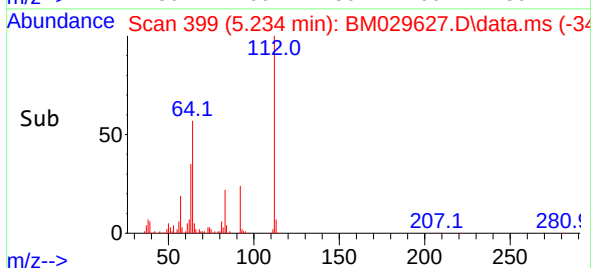
Tgt Ion:152 Resp: 90868
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 52.2 44.6 67.0



#5
2-Fluorophenol
Concen: 17.35 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



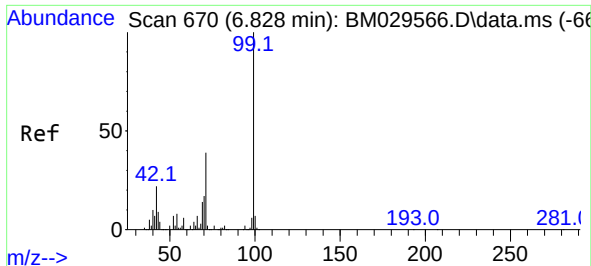
Tgt Ion:112 Resp: 78618
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 34.6 27.3 40.9



Instrument :
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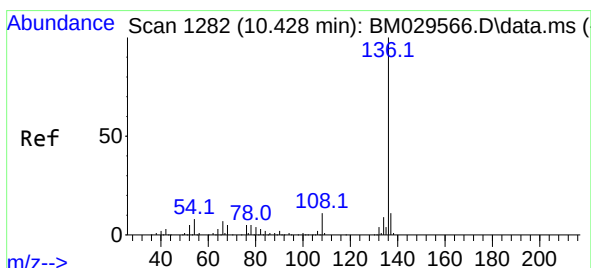
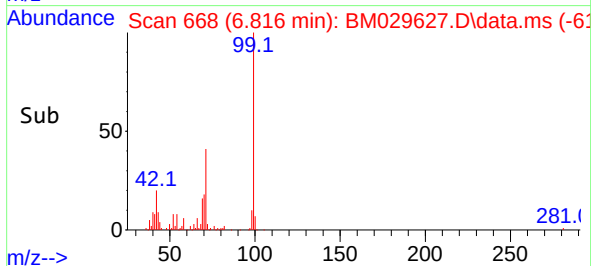
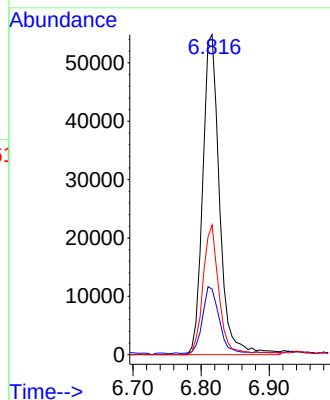
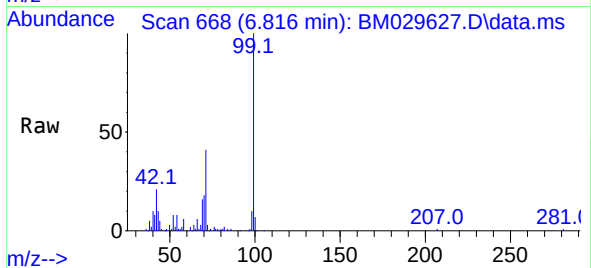
#7
Phenol-d6
Concen: 13.93 ng
RT: 6.816 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:	99	Resp:	94283
Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.0	27.0
71	40.6	30.9	46.3

Instrument :
BNA_M
ClientSampleId :
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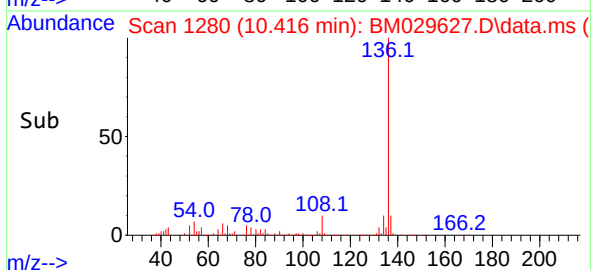
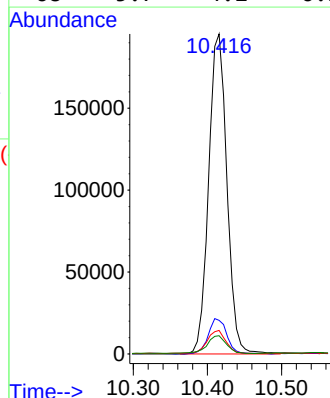
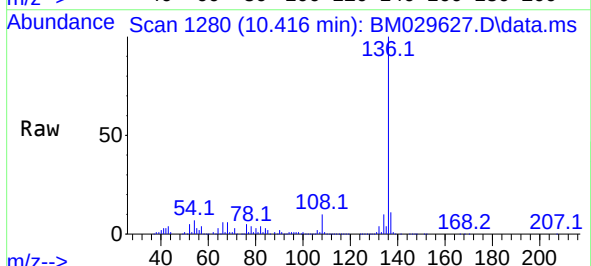
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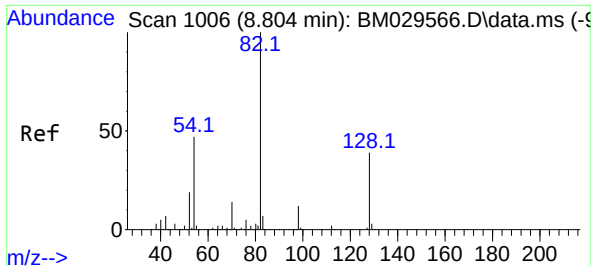
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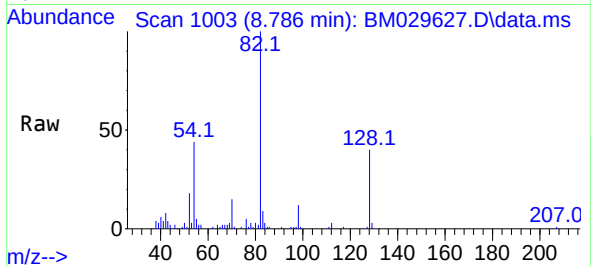
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:	136	Resp:	334416
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.4	5.5	8.3
68	5.7	4.2	6.2

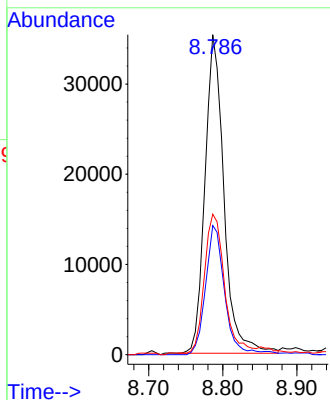
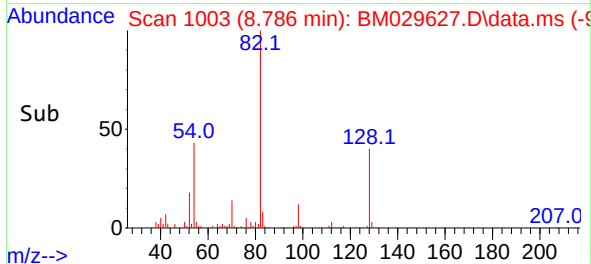




#23
Nitrobenzene-d5
Concen: 9.68 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



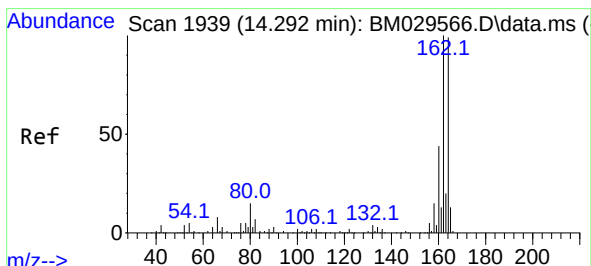
Tgt Ion: 82 Resp: 62830
Ion Ratio Lower Upper
82 100
128 40.4 31.1 46.7
54 43.9 37.3 55.9



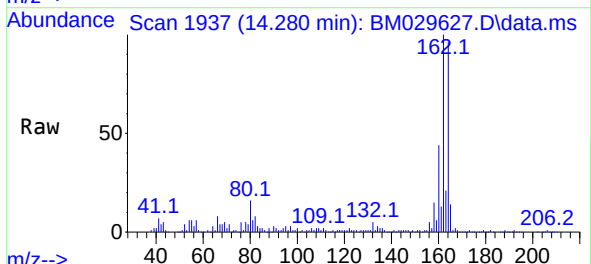
Instrument :
BNA_M
ClientSampleId :
HD-01-042221

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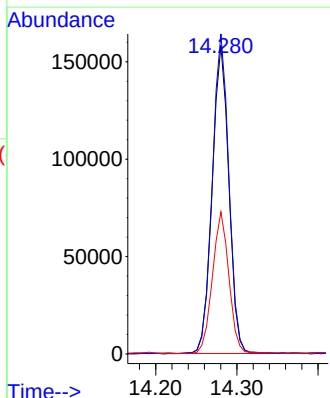
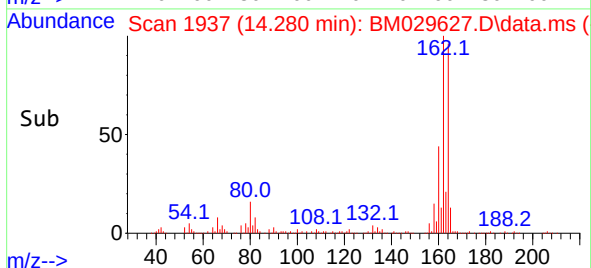
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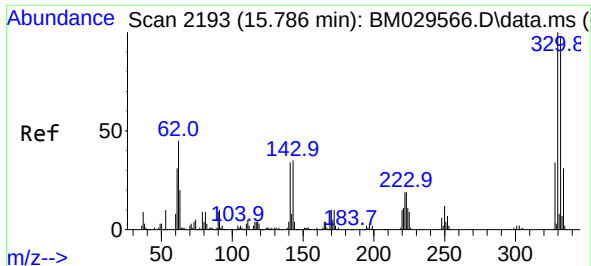


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

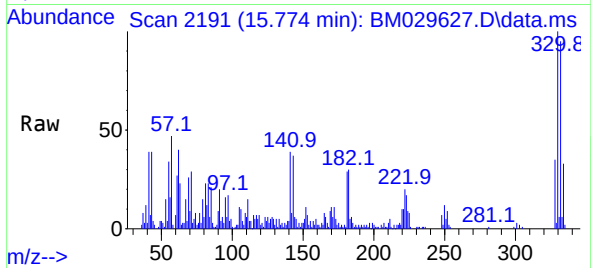


Tgt Ion: 164 Resp: 225943
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 46.0 37.2 55.8

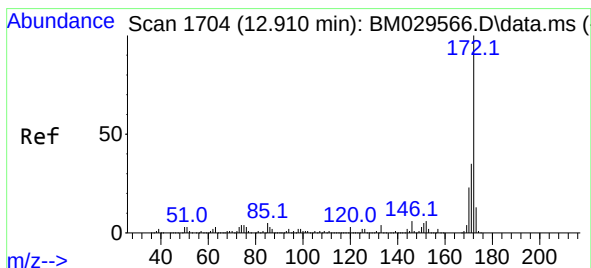
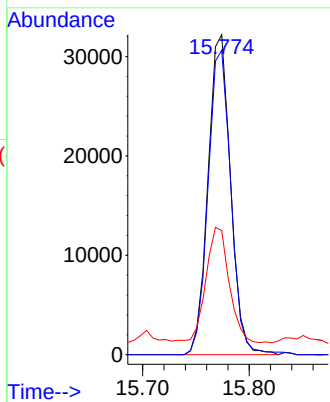
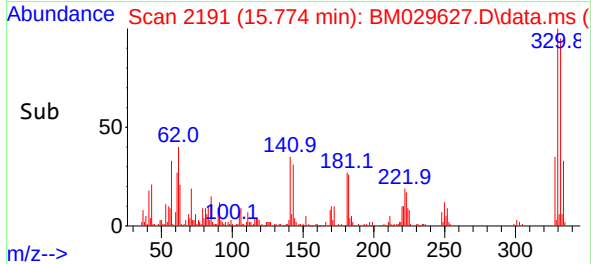




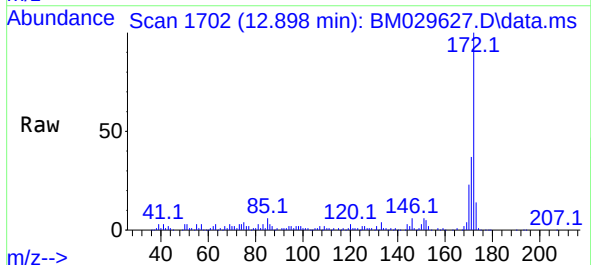
#42
2,4,6-Tribromophenol
Concen: 15.14 ng
RT: 15.774 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



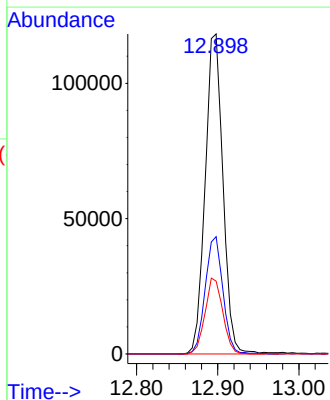
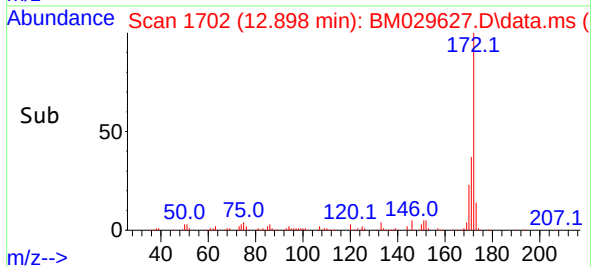
Tgt Ion: 330 Resp: 47296
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 36.9 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 10.80 ng
RT: 12.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



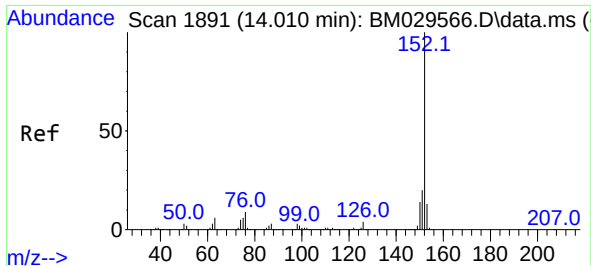
Tgt Ion: 172 Resp: 179856
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 22.7 18.4 27.6



Instrument :
BNA_M
ClientSampleId :
HD-01-042221

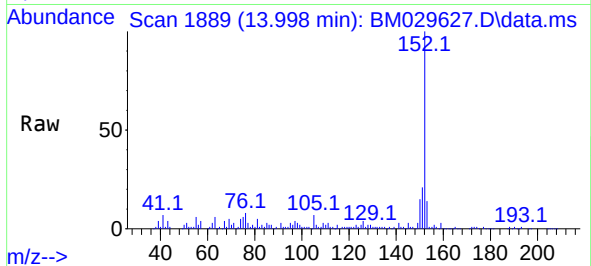
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#49
Acenaphthylene
Concen: 7.43 ng
RT: 13.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

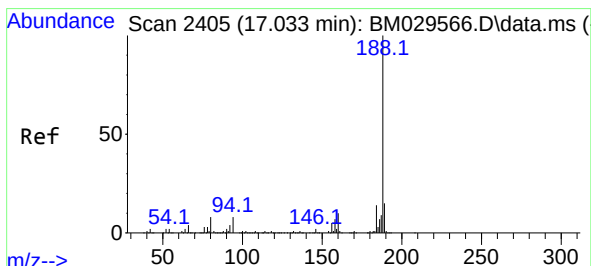
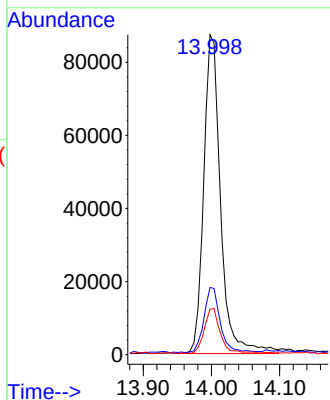
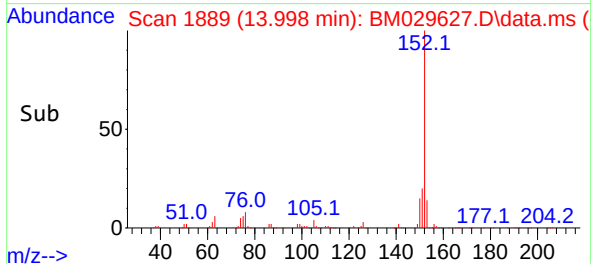
Instrument :
BNA_M
ClientSampled :
HD-01-042221



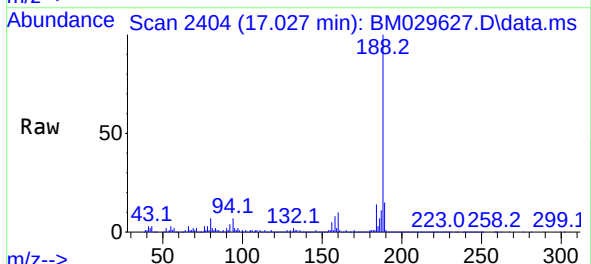
Tgt Ion:152 Resp: 150515
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.2 10.2 15.4

Manual Integrations
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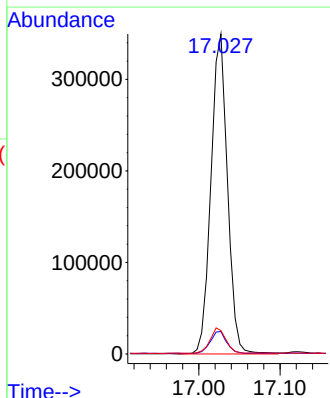
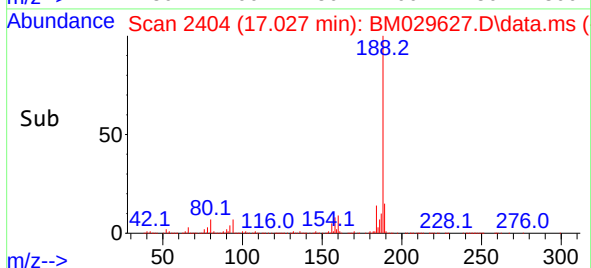
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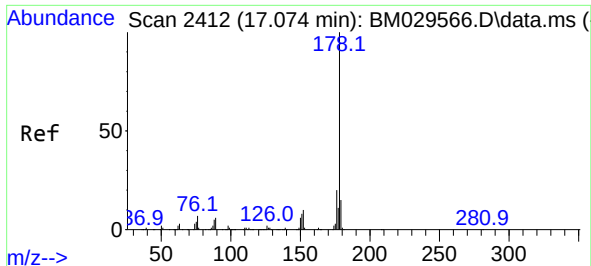


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



Tgt Ion:188 Resp: 493766
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.3 6.6 9.8





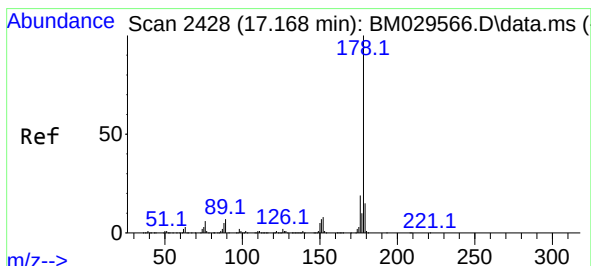
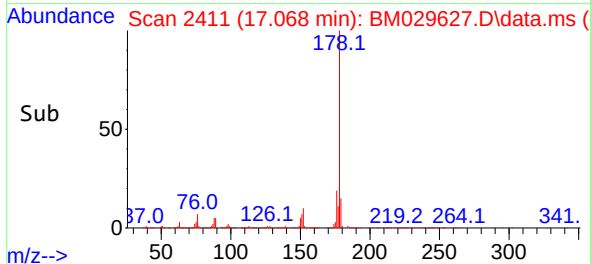
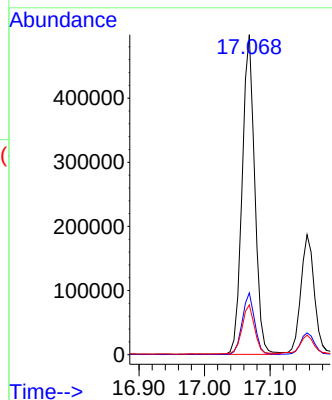
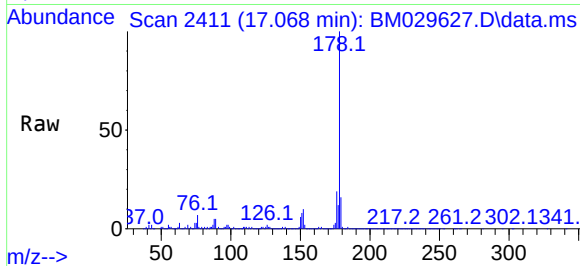
#71
Phenanthrene
Concen: 23.41 ng
RT: 17.068 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:178 Resp: 665676
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.2 18.4

Instrument :
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HD-01-042221

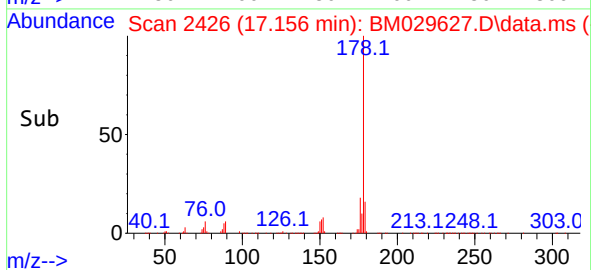
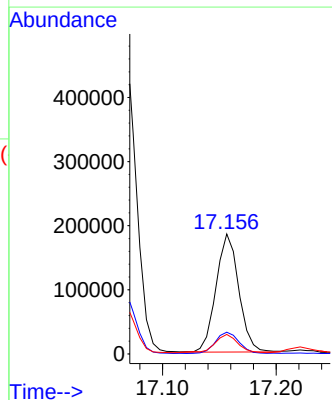
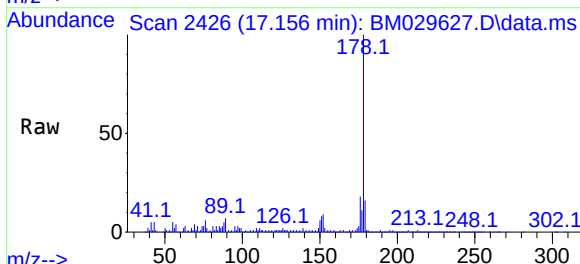
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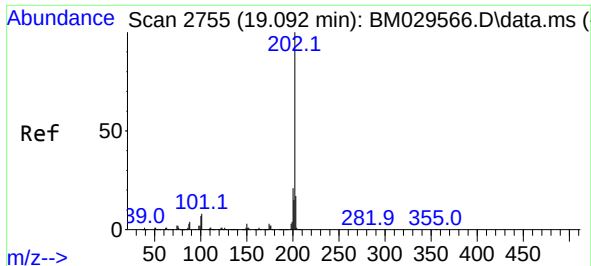
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#72
Anthracene
Concen: 9.14 ng
RT: 17.156 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:178 Resp: 256425
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 16.3 12.5 18.7





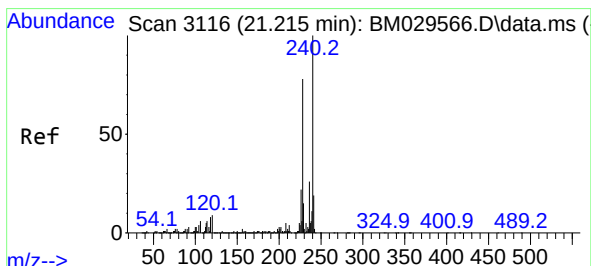
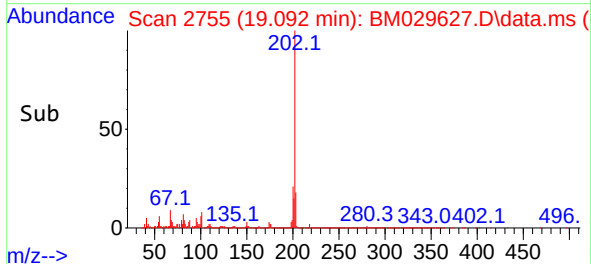
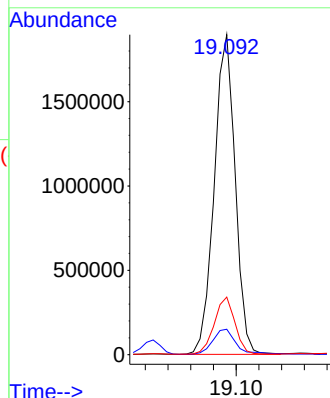
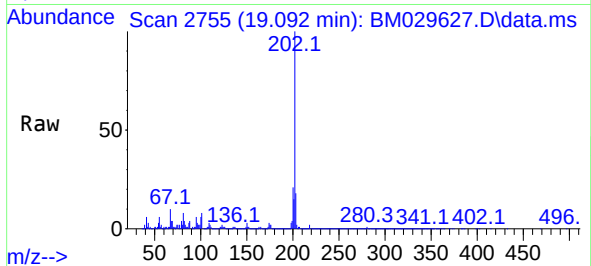
#75
Fluoranthene
Concen: 70.46 ng
RT: 19.092 min Scan# 2755
Delta R.T. 0.012 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:202 Resp: 2429316
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 18.0 0.0 37.3

Instrument :
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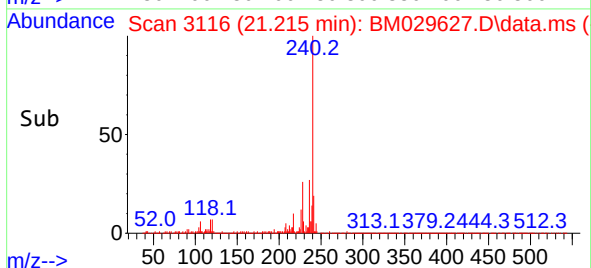
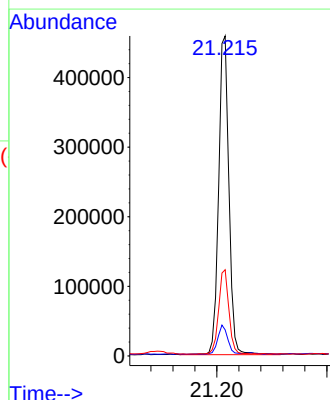
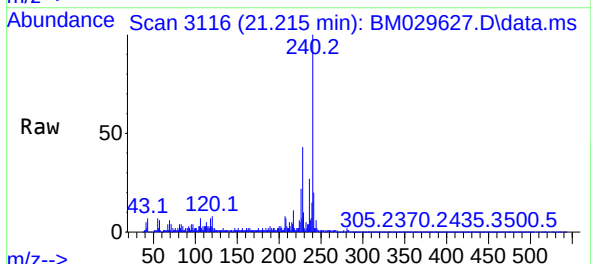
Manual Integrations
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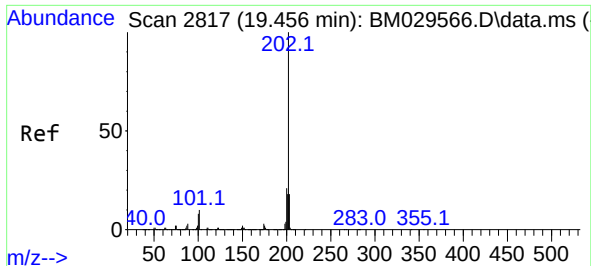
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

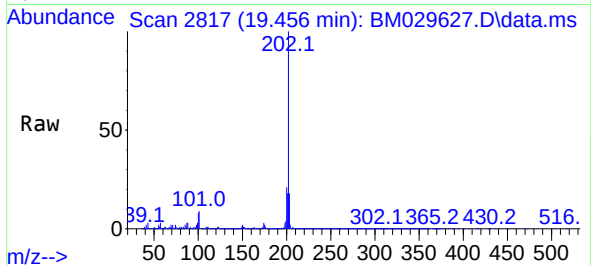
Tgt Ion:240 Resp: 596278
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.9 21.0 31.4





#78
Pyrene
Concen: 51.06 ng
RT: 19.456 min Scan# 2817
Delta R.T. 0.012 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

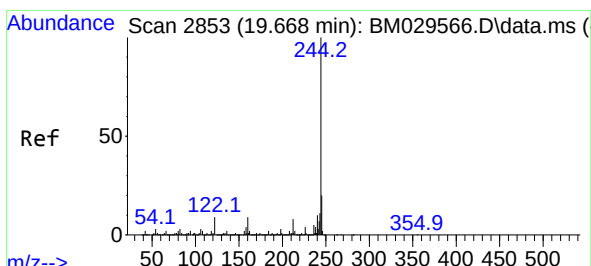
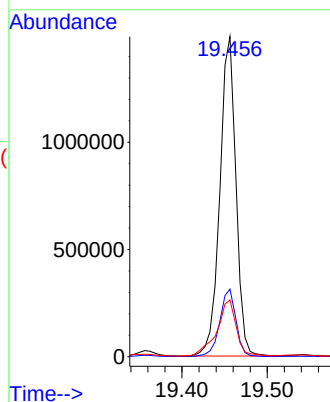
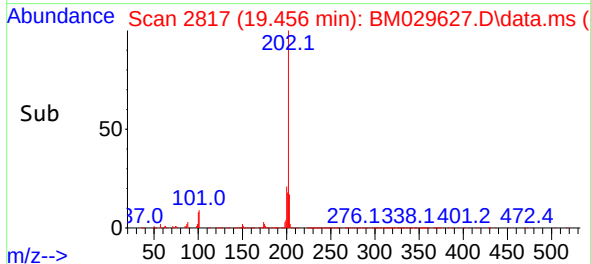
Instrument :
BNA_M
ClientSampleId :
HD-01-042221



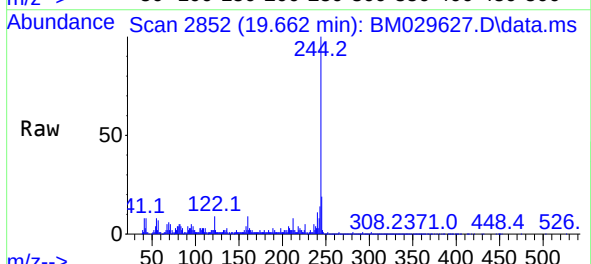
Tgt Ion:202 Resp: 1958888
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.7 13.9 20.9

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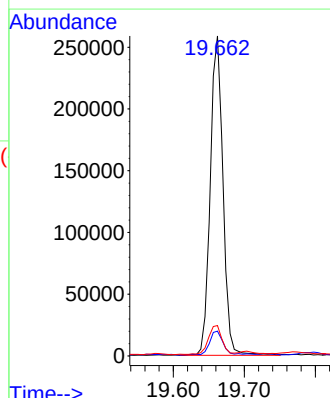
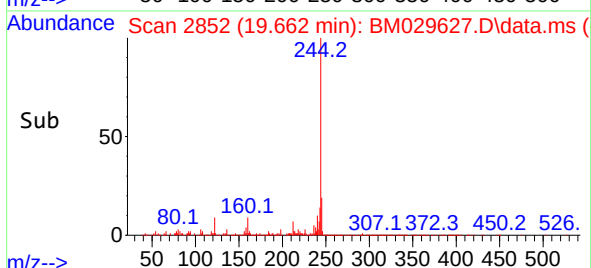
mohammad
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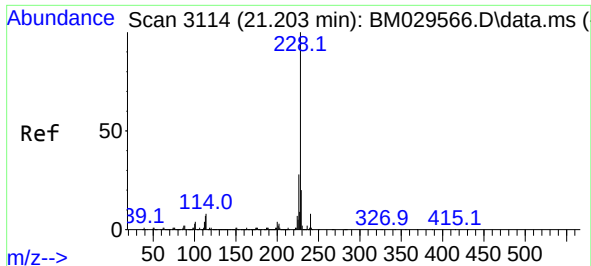


#79
Terphenyl-d14
Concen: 10.27 ng
RT: 19.662 min Scan# 2852
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45



Tgt Ion:244 Resp: 322980
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 9.5 6.9 10.3





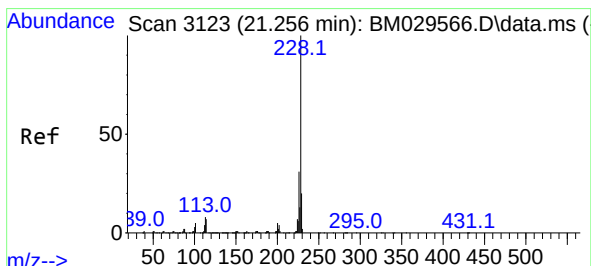
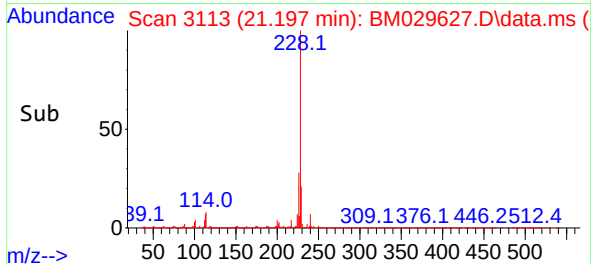
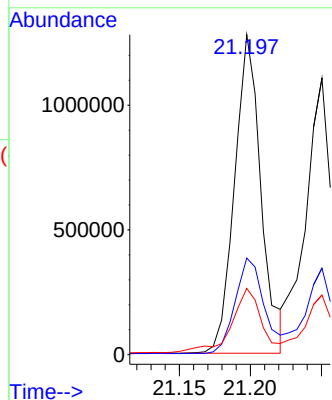
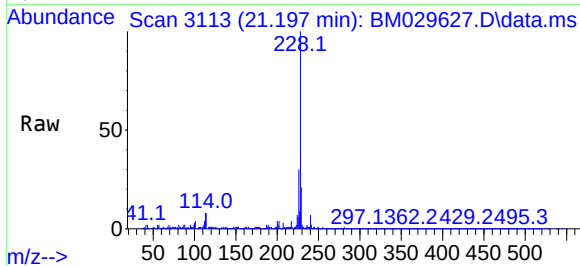
#81
Benzo(a)anthracene
Concen: 41.91 ng
RT: 21.197 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:228 Resp: 1653144
Ion Ratio Lower Upper
228 100
226 30.2 22.3 33.5
229 20.7 15.7 23.5

Instrument :
BNA_M
ClientSampled :
HD-01-042221

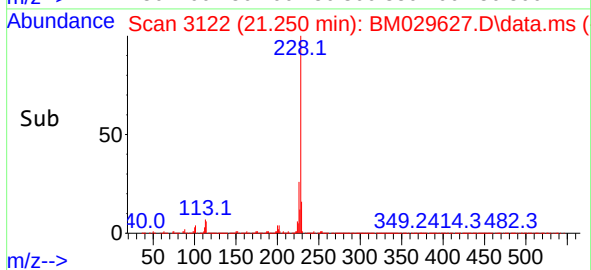
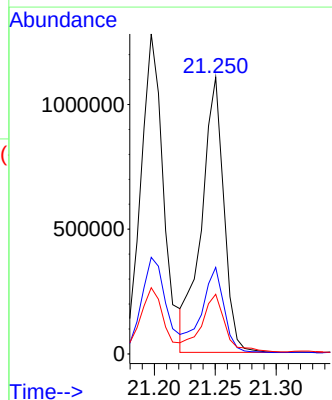
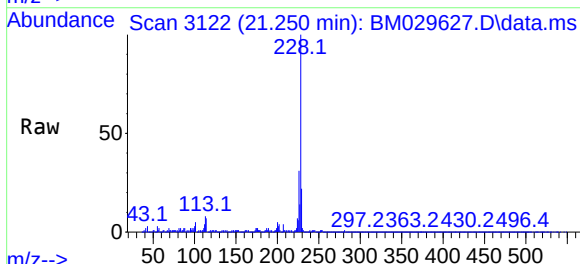
Manual Integrations
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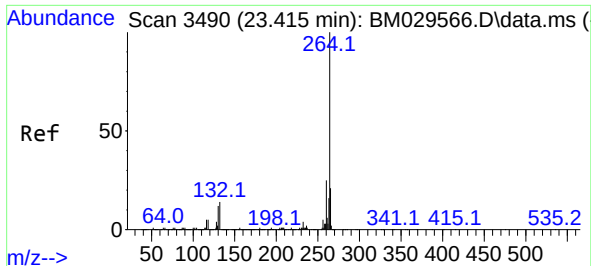
mohammad
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#83
Chrysene
Concen: 36.40 ng
RT: 21.250 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

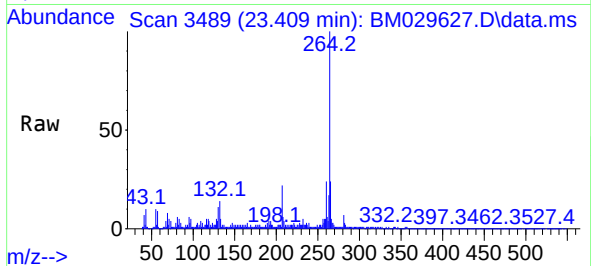
Tgt Ion:228 Resp: 1411116
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 21.6 15.5 23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.409 min Scan# 3489
Delta R.T. 0.017 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

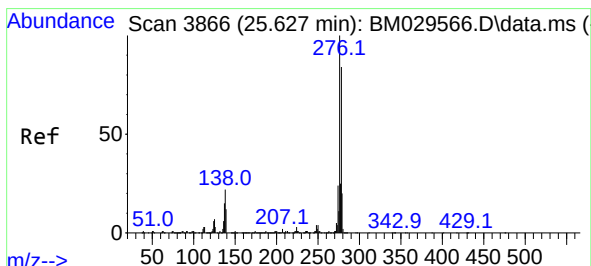
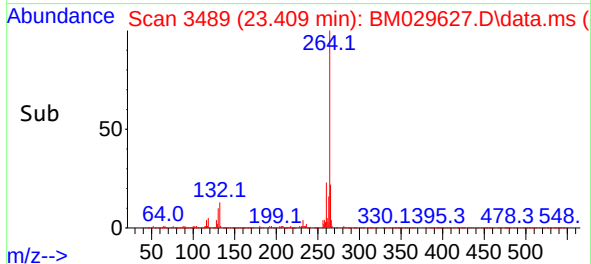
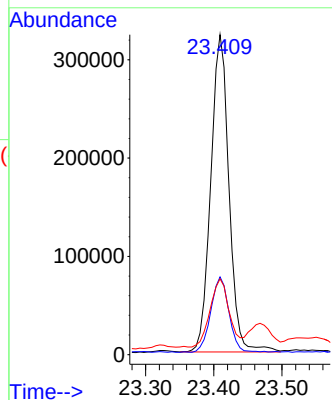
Instrument :
BNA_M
ClientSampleId :
HD-01-042221



Tgt Ion: 264 Resp: 601005
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 23.7 17.7 26.5

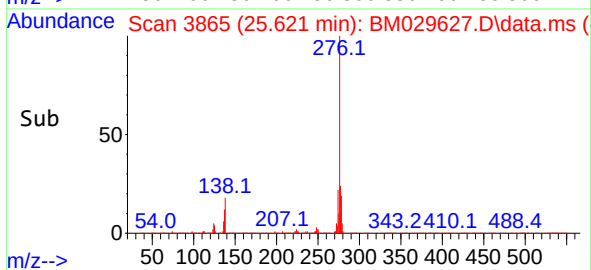
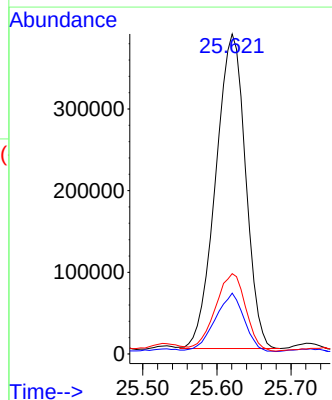
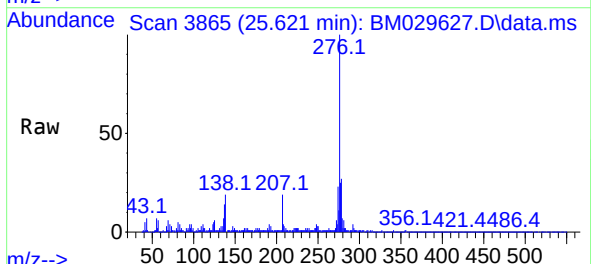
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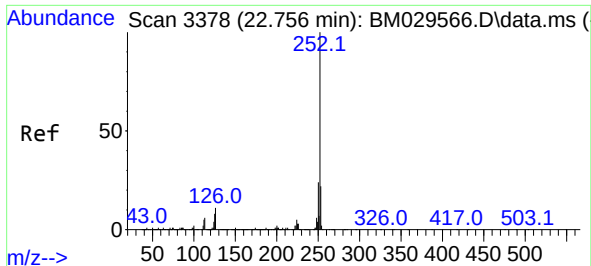
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#87
Indeno(1,2,3-cd)pyrene
Concen: 23.17 ng
RT: 25.621 min Scan# 3865
Delta R.T. 0.023 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion: 276 Resp: 1076785
Ion Ratio Lower Upper
276 100
138 18.4 17.1 25.7
277 25.2 20.3 30.5





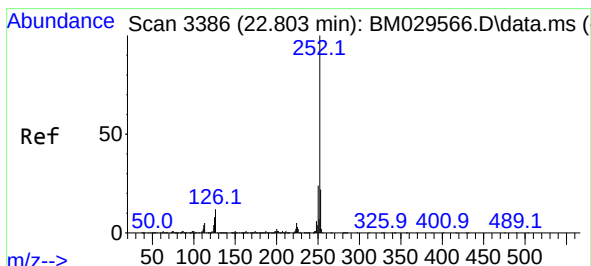
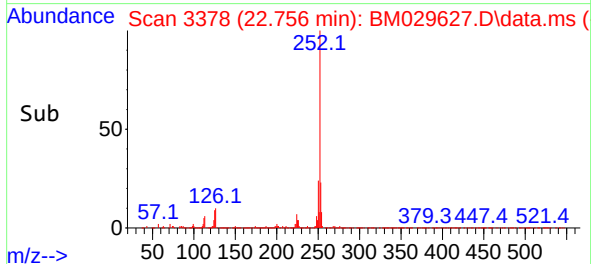
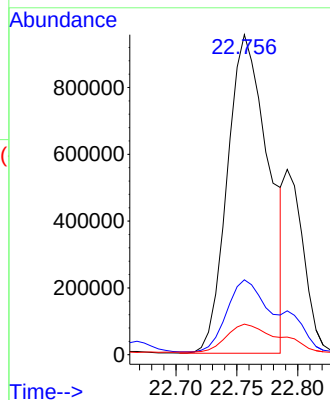
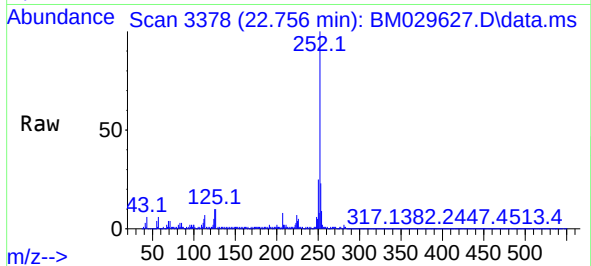
#88
Benzo(b)fluoranthene
Concen: 57.10 ng m
RT: 22.756 min Scan# 3378
Delta R.T. 0.017 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Tgt Ion:252 Resp: 2237814
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 9.5 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

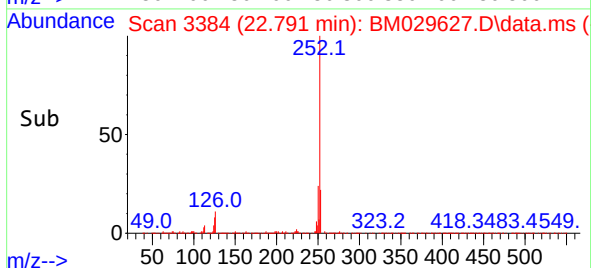
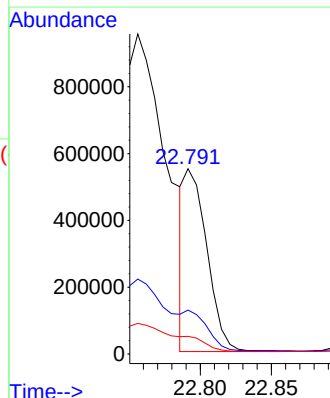
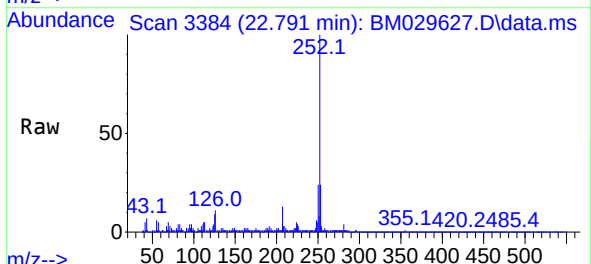
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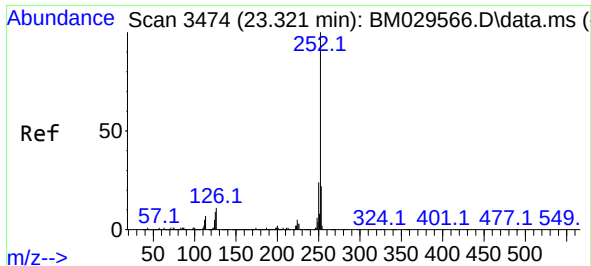
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#89
Benzo(k)fluoranthene
Concen: 15.17 ng m
RT: 22.791 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

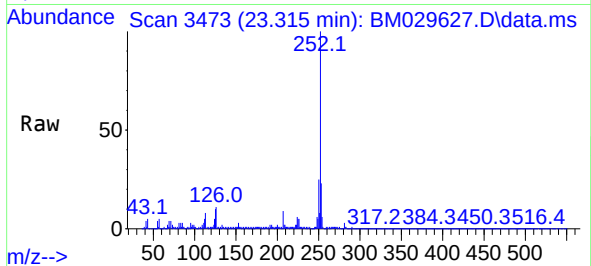
Tgt Ion:252 Resp: 595933
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 9.5 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 40.36 ng
RT: 23.315 min Scan# 3473
Delta R.T. 0.017 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

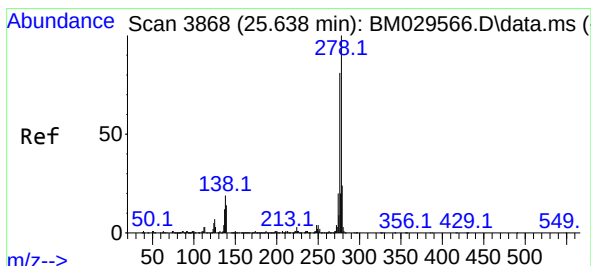
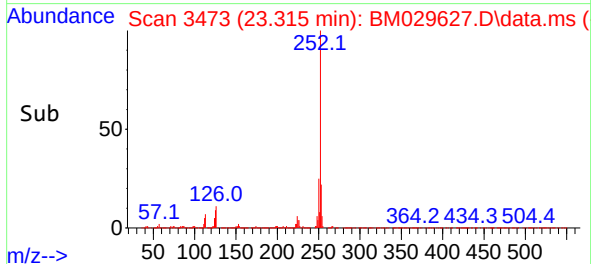
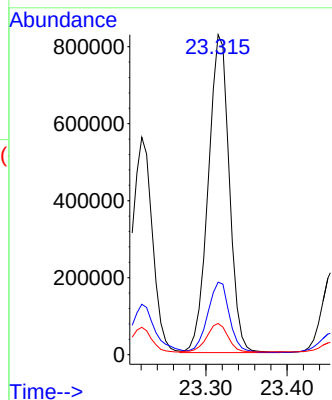
Instrument :
BNA_M
ClientSampleId :
HD-01-042221



Tgt Ion:252 Resp: 1485310
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.8 7.3 10.9

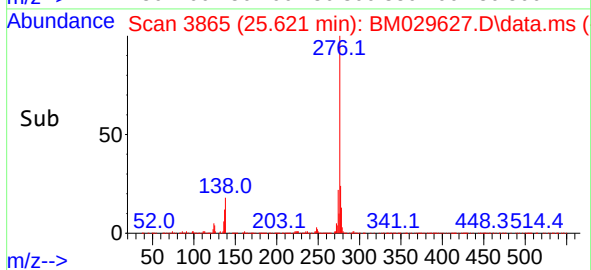
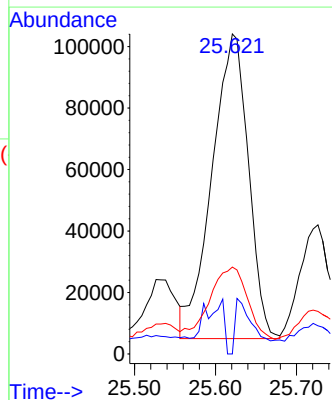
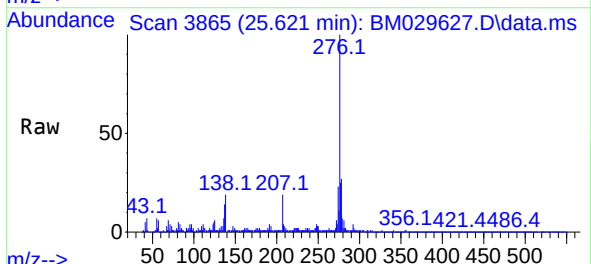
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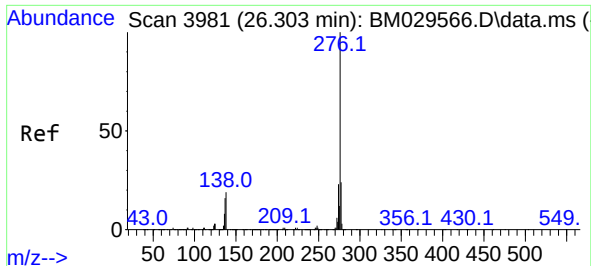
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#91
Dibenzo(a,h)anthracene
Concen: 7.71 ng m
RT: 25.621 min Scan# 3865
Delta R.T. 0.012 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

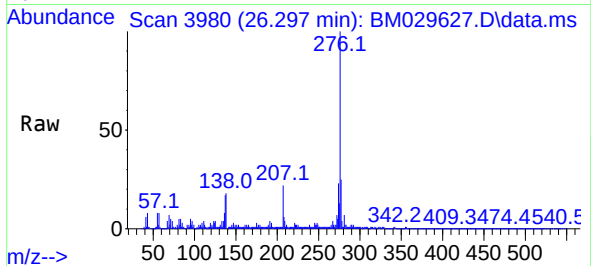
Tgt Ion:278 Resp: 309108
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4#
279 27.2 18.7 28.1





#92
Benzo(g,h,i)perylene
Concen: 27.24 ng
RT: 26.297 min Scan# 3980
Delta R.T. 0.029 min
Lab File: BM029627.D
Acq: 23 Apr 2021 23:45

Instrument :
BNA_M
ClientSampleId :
HD-01-042221



Tgt Ion: 276 Resp: 1009271
Ion Ratio Lower Upper
276 100
277 24.8 19.4 29.2
138 18.2 14.4 21.6

Manual Integrations
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